## REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE

(ER 1130-2-3165)

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 DATE
 November 1, 2005

**TO:** Commander 90 (OAN) First Coast Guard District **FROM:** U.S. Army Corps of Engineers

26 Federal Plaza, ATTN: CENAN-OP-ST

New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:

Port Chester Harbor, New York

MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	MAP FILE NO. SURVEYD ATE	AUTHORIZED PROJECT			LEFT OUTSIDE	MIDDLE HALF	RIGHT OUTSIDE
		WIDTH (feet)	LENGTH (nmiles)	<b>DEPTH</b> (feet)	QUARTER (feet)	(feet)	QUARTER (feet)
REACH A: 12- Foot Depth Channel commences from the entrance of channel (approx. 235 feet NE of Green Can Buoy # 3) to approximately 895 feet landward of Red Nun Buoy # 6 (vicinity of Yacht Club)	Map 28 P 2, 3 & 4 of 6 29 & 31 Aug & 1 Sep 05	150 – 100	0.60	12	10.1	10.0	6.1
REACH B: 10-Foot Depth Channel commences from the end of Reach A to approximately 350 feet landward of the turning basin	Map 28 P 4, 5 & 6 of 6 29 & 31 Aug & 1 Sep 05	100	0.78	10	2.5	6.4	7.2
REACH C (Partial ): 3-Foot Depth Channel commences from the end of Reach B to approximately 360 feet landward of the turning basin	Map 28 P 6 of 6 29 & 31 Aug & 1 Sep 05	165 – 115	0.06	3	3.8	3.3	3.6

## **REMARKS:**

- All depths are in Mean Low Water (MLW).
- Coordinates Referencing Long Island Lambert System (NAD 1983)
- Channel Length is in Nautical Miles
- Reach A: Most of the reach has depths of less than 12 feet but greater than 10 feet except for the shoal located at the right outside quarter approximately 350 feet to 520 feet landward of Red NUN Buoy # 6, which has a minimum depth of 6.1 feet.
- <u>Reach B</u>: Shoaling is present in the reach; first commencing along the right outside quarter, then appearing in both outside quarters of the channel, before spreading sporadically to the middle half of the channel just before the turnpike bridge and continuing in this pattern until the end of the reach.